

Appl. No. 09/605,794
Amdl. Dated May 21, 2004
Reply to Office Action of February 23, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method of managing from a client ~~station~~ machine a target object at a remote station via a telecommunications network, said method comprising the steps of:

(a) generating a client object forming a representation of said target object on said client machine, which client object is configured to extract methods of said target object which are remotely accessible and support manipulation of properties of said target object, said client object being further configured to implement said remotely accessible methods on said client machine;

(b) registering said target object and a network adaptor for a network protocol with a framework at said remote station;

(c) associating said client object with a network adaptor for said network protocol at said client machine; and

(d) enabling a client application to access said methods which support remote manipulation by instantiating said client object.

Claim 2 (currently amended): The method of Claim 1, wherein step (a) comprises compiling said target object to generate said client object, said client object comprising a target object interface identifying said remotely accessible methods of said target object and said client object further comprising a target object stub implementing said remotely accessible methods on said client machine.

Claim 3 (original): The method of Claim 2, wherein step (d) comprises selectively replacing said target object stub for dynamically modifying the behaviour of said client application at runtime.

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Claim 4 (original): The method of Claim 1, wherein said client object and said target object are beans, each of which comprises a set of properties, a set of methods for performing actions, and support for events and for introspection.

Claim 5 (original): The method of Claim 1, wherein step (a) comprises extracting target object methods by introspection.

Claim 6 (original): The method of Claim 1, wherein said target object is a managed object and said client application is a network management application.

Claim 7 (currently amended): A remote access support mechanism at a client station for accessing a target object at a remote station via a telecommunications network, said remote access support mechanism comprising:

a client object forming a representation of said target object, which client object extracts methods of said target object which are accessible remotely and implements management methods for accessing said remotely accessible methods; and

a network adaptor responsive to said client object, wherein said client object is configured to be instantiated by a client application for enabling said client application to access on said client station and modify said target object on said remote station[[.]] :

wherein said client object is an object which comprises a set of properties, a set of methods for performing actions, and support for events and for introspection.

Claim 8 (original): The remote access support mechanism of Claim 7, wherein said client object is compiled from a target object and comprises a target object interface identifying which methods of said target object are accessible remotely and a target object stub implementing said remotely accessible methods.

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Claim 9 (original): The remote access support mechanism of Claim 8, wherein said target object stub is selectably replaceable for dynamically modifying the behaviour of said client application at runtime.

Claim 10 (canceled)

Claim 11 (currently amended): The remote access support mechanism of Claim [[10]] 7, wherein said client object and said target objects are each beans which comprises a set of properties, a set of methods for performing actions, and support for events and for introspection.

Claim 12 (original): The remote access support mechanism of Claim 11, comprising a compiler for extracting said target object methods by introspection for generating said client object.

Claim 13 (original): The remote access support mechanism of Claim 11, wherein said target object is a managed object and said client application is a network management application.

Claim 14 (original): The remote access support mechanism of Claim 13, comprising a software mechanism.

Claims 15-18 (canceled)